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<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER CL2042USPCT
INTERNATIONAL APPLICATION NO. PCT/US03/31236		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/527501
INTERNATIONAL FILING DATE 30 September 2003 ( 30.09.03 )		PRIORITY DATE CLAIMED 30 September 2002 ( 30.09.02 )
TITLE OF INVENTION METHOD FOR REGENERATION OF PERFORMANCE IN A FUEL CELL		
APPLICANT(S) FOR DO/EO/US Kumar, Sridhar Makam P. Et. Al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.		
2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.		
3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.		
4. <input type="checkbox"/> The US has been elected (Article 31).		
5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))		
a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).		
b. <input type="checkbox"/> has been communicated by the International Bureau.		
c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).		
6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).		
a. <input type="checkbox"/> is attached hereto.		
b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).		
7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))		
a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).		
b. <input type="checkbox"/> have been communicated by the International Bureau.		
c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.		
d. <input type="checkbox"/> have not been made and will not be made.		
8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).		
9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).		
10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).		
<b>Items 11 to 20 below concern document(s) or information included:</b>		
11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.		
12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.		
13. <input type="checkbox"/> A preliminary amendment.		
14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.		
15. <input type="checkbox"/> A substitute specification.		
16. <input type="checkbox"/> A power of attorney and/or change of address letter.		
17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.		
18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).		
19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).		

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/527501</b>		INTERNATIONAL APPLICATION NO. <b>PCT/US03/31236</b>		ATTORNEY'S DOCKET NUMBER <b>CL2042USPCT</b>	
20. <input checked="" type="checkbox"/> Other items or information: <b>**Express Label EV537170148US **Response to Notice of Missing Requirements ** Petition to Request Extension of Time (2 months)</b>					
The following fees have been submitted				<b>CALCULATIONS</b>	<b>PTO USE ONLY</b>
21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... <b>\$300</b>				\$ 0.00	
22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c))				\$ 0.00	
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... <b>\$0</b> <input type="radio"/> All other situations..... <b>\$200</b> <input type="radio"/>				\$ 0.00	
23. <input type="checkbox"/> Search fee (37 CFR 1.492(b))				\$ 0.00	
If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... <b>\$0</b> <input type="radio"/> Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... <b>\$100</b> <input type="radio"/> International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... <b>\$400</b> <input type="radio"/> All other situations..... <b>\$500</b> <input type="radio"/>				\$ 0.00	
<b>TOTAL OF 21, 22 and 23 =</b>				0.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is <b>\$250</b> for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		x \$250	\$ 0.00	
<input type="checkbox"/> Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$ 0.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	- 20 =		x \$ 50	\$ 0.00	
Independent claims	- 3 =		x \$200	\$ 0.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable) YES <input type="checkbox"/>			+ \$360	\$ 0.00	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 0.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				0.00	
<b>SUBTOTAL =</b>				\$ 0.00	
<input type="checkbox"/> Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$ 0.00	
<b>TOTAL NATIONAL FEE =</b>				\$ 0.00	
<input type="checkbox"/> Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property				\$ 0.00	
<b>TOTAL FEES ENCLOSED =</b>				\$ 0.00	
				Amount to be refunded:	\$
				Amount to be charged	\$

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- a. ☐ A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.
- b. ☒ Please charge my Deposit Account No. 04-1928 in the amount of \$ 0.00 to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 04-1928. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

GORMAN, THOMAS W.  
E. I. DU PONT DE NEMOURS AND COMPANY  
Legal Patent Records Center  
4417 Lancaster Pike  
Wilmington, Delaware 19805  
United States of America



SIGNATURE

GORMAN, THOMAS W.

NAME

31,959

REGISTRATION NUMBER

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN THE APPLICATION OF:  
KUMAR, SRIDHAR MAKAM P. ET AL

CASE NO.: CL2042 US PCT

APPLICATION NO.: 10/527,501

GROUP ART UNIT:

FILED: MARCH 10, 2005

EXAMINER:

FOR: METHOD FOR REGENERATION OF PERFORMANCE IN A FUEL CELL

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS  
UNDER 35 U.S.C. 371 IN THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Attention: Mail Stop PCT

Sir:

In response to the Notification of Missing Requirements under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US) mailed October 11, 2005 (a copy of which is attached), enclosed is the signed Declaration and Power of Attorney and Fee Sheet.

Also enclosed is a Petition for Extension of Time under 37 CFR 1.136(a) for two (2) months extension.

Respectfully submitted,



**THOMAS W. GORMAN**  
AGENT FOR APPLICANTS  
Registration No.: 31,959  
Telephone: (302) 892-1543  
Facsimile: (302) 992-4773

JANUARY 31, 2006



→ Ellen ←  
**UNITED STATES PATENT AND TRADEMARK OFFICE**

2 months  
 UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/527,501	Sridhar Makam P. Kumar	CL2042USPCT

INTERNATIONAL APPLICATION NO.

PCT/US03/31236

I.A. FILING DATE

PRIORITY DATE

09/30/2003

09/30/2002

TWG  
 E. I. Du Pont De Nemours and Company  
 Legal Patent Records Center  
 4417 Lancaster Pike  
 Wilmington, DE 19805

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SEP 14 2005

**PATENT RECORDS  
 CENTER**

CONFIRMATION NO. 9955

371 FORMALITIES LETTER



\*OC000000017204623\*

Date Mailed: 10/11/2005

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 03/10/2005
- Copy of the International Search Report filed on 03/10/2005
- Copy of IPE Report filed on 03/10/2005
- Request for Immediate Examination filed on 03/10/2005
- U.S. Basic National Fees filed on 03/10/2005
- Priority Documents filed on 03/10/2005
- Power of Attorney filed on 03/10/2005

**DOCKETED  
 CR**

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

JOHN L ANDERSON

Telephone: (703) 308-9140 EXT 211

## PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/527,501	PCT/US03/31236	CL2042USPCT

FORM PCT/DO/EO/905 (371 Formalities Notice)